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CLATHRATED PRESERVATIVE FOR SHAMPOO

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14.4 (ORGANIC CHEMISTRY--- Medicine)

Abstract:

PURPOSE: To provide a clathrated shampoo preservative of high quality which can prevent skins and mucous membranes from being irritated by undesirable stimulation with the preservative, when a shampoo is used.

CONSTITUTION: Benzoic acid, salicylic acid, sodium benzoate or sodium salicylate as a preservative is clathrated in .alpha., .beta. or .gamma.-cyclodextrin to form cyclodextrin/ benzoic acid clathrate (1), cyclodextrin/salicylic acid clathrate (2), cyclodextrin/ sodium benzoate clathrate (3) and cyclodextrin/sodium salicylate clathrate (4). One of these clathrates is added to shampoo as a preservative in an amount of 0.05-1.0wt.%.

JAPIO

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